SONY

NTSC/PAL/SECAM/NTSC4.43

Color Video Monitor

PVM-20N6U/14N6U
PVM-20N5U/14N5U

The new Sony PVM-20N6U/PVM-14N6U and PVM-20N5U/PVM-14N5U color video monitors deliver high quality performance along with the convenience of operating flexibility to a wide range of business applications.

These monitors provide high resolution of 500 TV lines with a Sony Trinitron® CRT and stable color reproduction with beam current feedback circuitry. In addition, these monitors combine practical features such as on-screen menus in multiple languages. The PVM N5 video monitors are ideal for general viewing; whereas the PVM N6 monitors include enhanced features such as 4:3/16:9 aspect ratio switching capability and RGB input terminals for optimum picture performance.

These monitors incorporate the picture quality, versatility and reliability you've come to expect from Sony's PVM Series monitors.

PVM-14N6U

PVM-20N6U

Features

- High resolution of 500 TV lines with a Sony Trinitron CRT
- Beam current feedback circuitry for color balance stability
- Loop-through Composite and Y/C video inputs
- Accepts NTSC, PAL, SECAM, NTSC4.43 signals
- 4:3 aspect ratio
- On-screen menus with a choice of five languages
- Built-in speaker
- Durable metal cabinetry
- One touch recall of last menu used (VOLUME, CONTRAST, BRIGHTNESS, CHROMA, and PHASE menus only)
- Mountable in a 19-inch EIA standard rack with the optional rack mounting bracket MB-502B (for 14-inch monitors) or slide rail kit SLR-103A (for 20-inch monitors)

The PVM-20N6U and PVM-14N6U include the above features plus:

- RGB Input
- 4:3/16:9 switchable aspect ratio
- Input channel selected via Remote terminal (Phono)

Menu 1

Language menu

PVM-14N5U

PVM-20N5U

Specifications

General

	20-inch monitors	14-inch monitors
System	NTSC, PAL, SECAM, NTSC4.43 (automatically selected)	
Power requirements	AC 100 to 240 V, 50/60 Hz (UL approved for 120 V operation)	
Power consumption	100 W	80 W
Dimensions mm	449 (W) x 441 (H) x 502 (D)	346 (W) x 340 (H) x 414 (D)
inches	17 11/16 x 17 3/8 x 19 3/4	13 5/8 x 13 3/8 x 16 5/16
Screen size (Viewable area, measured diagonally)	482 mm (19 inches)	332 mm (13 1/8 inches)
Mass	28 kg (61 lb 11 oz)	15 kg (33 lb 1 oz)

CRT performance

CRT type	Trinitron CRT with P-22 phosphors
Center resolution	500 TV lines
Color temperature	D65

Picture performance

Normal scan	7% overscan
Linearity	H: less than 8% (typical); V: less than 7% (typical)

Input performance

Video		
Line A*1	Composite	Loop-through BNC 1.0 Vp-p +3/-6 dB, sync negative, Automatic 75 Ω termination*2
	Y/C	Loop-through 4-pin mini DIN Y: 1.0 Vp-p +3/-6 dB, sync negative, Automatic 75 Ω termination*2 C: 0.286 Vp-p (NTSC) or 0.3 Vp-p (PAL), Automatic 75 Ω termination*2
Line B*1	Composite	BNC 1.0 Vp-p +3/-6 dB, sync negative, 75 Ω
	Y/C	4-pin mini DIN Y: 1.0 Vp-p +3/-6 dB, sync negative, 75 Ω C: 0.286 Vp-p (NTSC) or 0.3 Vp-p (PAL), 75 Ω
RGB/Sync (for PVM-20N6U and PVM-14N6U)		BNC 0.7 Vp-p +3/-6 dB, Sync on green: 0.3 Vp-p, negative, Automatic 75 Ω termination Ext Sync: 4.0 Vp-p +3/-6 dB, sync negative
Frequency response		6 MHz ± 3 dB
Audio		
Line A		Loop-through Phono -5 dBu, high impedance, more than 47 kΩ
Line B		Phono -5 dBu, high impedance, more than 47 kΩ
RGB/Sync (for PVM-20N6U and PVM-14N6U)		Phono -5 dBu, high impedance, more than 47 kΩ
Remote (for PVM-20N6U and PVM-14N6U)		Phono Open: Currently selected input signal Low State (GND): Input signal selected prior to the current input signal

Optional accessories

Rack mounting bracket kit MB-502B
Slide rail kit SLR-102 (used with the MB-502B)
Slide rail kit SLR-103A

Regulation compliance

UL 1950, CSA 950 (cUL), DHHS, DNHW, FCC Class A, IC Class A

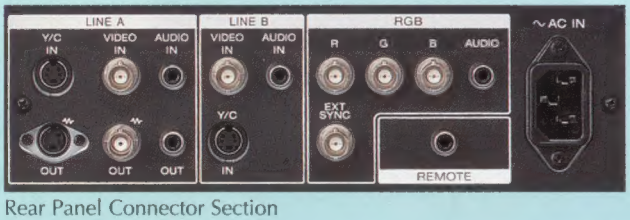
0 dBu = 0.775 Vrms

*1 The Y/C input has priority over the Composite video input.

*2 75 Ω termination is automatically set to OFF when a connection is made to the OUT connector.

N6 Monitors

Front Panel Control Section



Rear Panel Connector Section

N5 Monitors

Front Panel Control Section

Rear Panel Connector Section

Sony Electronics Inc.
Broadcast and Professional Group
1 Sony Drive
Park Ridge, NJ 07656
www.sony.com/professional

Printed in U.S.A.

©1998 Sony Corporation. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measures are approximate.
Sony and Trinitron are registered trademarks of Sony Corporation.

V-10953
MK7172/1OHB-9806